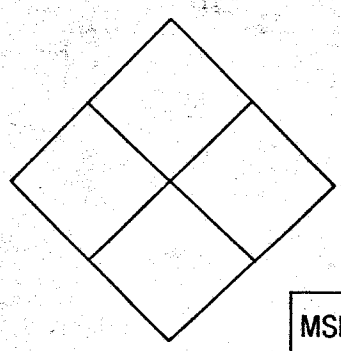
American Technologies
Industrial Marking Systems

or DOM 6137

MATERIAL SAFETY DATA SHEET

Amjet | Jet RV 355 Amjet Ink



MSDS:

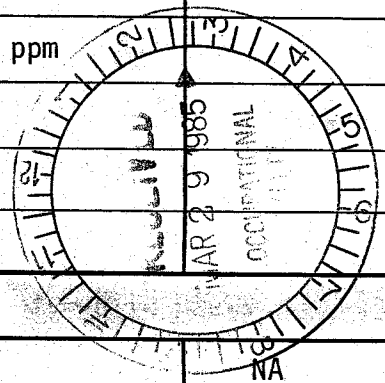
DATE: 7/25/83

I. PRODUCT IDENTIFICATION

COMMON NAME:	Jet RV 355 Amjet Ink	CHEMICAL FORMULA:	Mixture
SYNONYMS:	G-10GS VideoJet Ink		
TRADE NAMES:	Jet RV 355 Amjet Ink		
MANUFACTURER:	American Technologies		
SHIPPING NAME:	DOT Ink UN 1210	IATA	

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	TLV	(REMARKS)
Methanol	Major	200 ppm	
Isopropyl Alcohol	Minor	400 ppm	
MEK (2-Butanone)	Major	200 ppm	



III. PHYSICAL DATA

BOILING POINT, 760mm Hg	NA	MELTING POINT	NA
SPECIFIC GRAVITY ($H_2O = 1$)	0.890	BULK DENSITY	NA
pH (1% Soln.)	Neutral	SOLUBILITY IN WATER	~~Resin and dye~~ precipitate
% VOLATILES BY WEIGHT	84%		
APPEARANCE & ODOR	Ketone odor. Deeply violet colored material.		

AMERICAN TECHNOLOGIES, INDUSTRIAL MARKING SYSTEMS, 1301 DUGDALE ROAD, WAUKEGAN, ILLINOIS 60085

IV. FIRE AND EXPLOSION DATA

FLASH POINT (Test Method)	36°F. Closed Cup	AUTOIGNITION TEMPERATURE	Not known
FLAMMABLE LIMITS IN AIR, % BY VOLUME	LOWER: 1		UPPER: 37
EXTINGUISHING MEDIA	Water fog, foam, dry chemical		
SPECIAL FIRE FIGHTING PROCEDURES	Do not breathe fumes and avoid eye and skin contact.		
UNUSUAL FIRE AND EXPLOSION HAZARD	2-Butanone and the alcohols can react vigorously with oxidizing materials.		

V. HEALTH HAZARD INFORMATION

(REMARKS)

PRIMARY ROUTES OF EXPOSURE: (X) SKIN CONTACT ( ) EYE CONTACT (X) INHALATION (X) SKIN ABSORPTION ( ) INGESTION

EFFECTS OF OVEREXPOSURE:

ACUTE EFFECTS:

Oral Ingestion: Poisonous. Contains methanol which may cause death or permanent injury (e.g. blindness) upon overexposure.

Skin Absorption: Moderate. Drying effect with continuous exposure; possible dermatitis.

Inhalation: Headaches, dizziness & intoxication, gastro-intestinal disturbances, death (high concentrations).

CHRONIC EFFECTS:

Overexposure may result in the aggravation of existing conditions of the following:

( ) Liver (X) Skin (X) Respiratory System

( ) Kidneys (X) Eyes (X) Central Nervous System

VI. EMERGENCY AND FIRST AID PROCEDURES

EYES:

Flush with water; call doctor.

SKIN:

Flush with water.

INHALATION:

Remove from area of fumes.

INGESTION:

Induce vomiting; treat for methanol poisoning.

NOTES TO PHYSICIAN:

VII. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY:

Solvents will react vigorously with strong oxidizing or reducing agents.

INCOMPATABILITY:

NA

HAZARDOUS DECOMPOSITION PRODUCTS:

None known

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:

Will not occur.

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Dilute with water. Impact confined to immediate area of spill. May injure aquatic life if discharged to open waters. Confine area of spill. Cover with sand or other inert material. Transfer to suitable container for disposal.

NEUTRALIZING CHEMICALS: None

WASTE DISPOSAL METHODS:

Incineration

NOTE: Disposal of all waste materials must be accomplished in accordance with applicable local, state and federal regulations.

IX. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS:

Local exhaust should maintain concentration of ink vapors in the air below 200 ppm.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY:

Use NIOSH approved respirator for solvent vapors if ventilation is not adequate.

NOTE: This information is provided only as a general guideline to be utilized in conjunction with a full respiratory protection program.

EYE: Safety glasses with side shields.

GLOVES: Nitrile latex gloves.

OTHER:

X. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS:

DANGER: Flammable. Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation. In case of fire use water, dry chemical, CO_2 or foam.

OTHER HANDLING AND STORAGE REQUIREMENTS

Store in well ventilated and cool place. Explosion hazard handling necessary.

XI. ADDITIONAL REGULATORY CONCERNS

FEDERAL:

FDA

USDA

CPSC

TSCA

OTHER Requires DOT flammable label.

STATE: